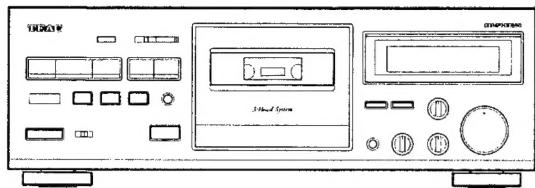


TEAC



SERVICE MANUAL

V-1050

Stereo Cassette Deck

1 SPECIFICATIONS

仕様

Track System : 4-Track, 2-Channel Stereo**Heads** : 1 Erase, 1 Record and 1 Playback (Combination)**Type of Tape** :

Cassette tape C-60 and C-90 (Philips type)

Tape Speed : 4.8 cm/sec (1-7/8 ips)**Motors** : 2 ; 1 DC servo motor (for capstan drive)

1 DC motor (for reel drive)

Wow and Flutter : 0.045 % (W. RMS)**Frequency response (Overall, -20 dB)** :

15-21,000 Hz ± 3 dB, Metal

15-20,000 Hz ± 3 dB, CrO₂

15-18,000 Hz ± 3 dB, Normal

Signal - to - Noise Ratio (Overall) :

60 dB (NR OFF, 3 % THD Level, Weighted)

70 dB (Dolby B NR In, over 5 kHz)

80 dB (Dolby C NR In, over 1 kHz)

Fast Winding Time :

Approximately 90 seconds for C-60

Inputs : Line : 97 mV, 50 k ohms**Outputs** : Line : 0.58 V for load impedance of 50 k ohms or more

Headphones : 1 mW/8 ohms load

Power Requirements :

120/230 V AC, 50-60 Hz,

(General export models)

120 V AC, 60 Hz, (U.S.A./Canada models)

230 V AC, 50 Hz, (Europe model)

240 V AC, 50 Hz, (Australia model)

Power Consumption : 15 W**Dimensions (W × H × D)** :

435 × 147 × 290 mm

(17-1/8" × 5-13/16" × 11-7/16")

Weight : 4.8 kg (10.56 lbs.)**Standard Accessories** :

Input-output connection cords × 2

● Specifications were determined using metal tape except as noted.

● Improvements may result in specification or feature changing without notice.

Dolby noise reduction and HX Pro headroom extension manufactured under license from Dolby Laboratories Licensing Corporation. HX Pro originated by Bang & Olufsen.

"DOLBY", the double-D symbol  and "HX PRO" are trademarks of Dolby Laboratories Licensing Corporation.

トラック形式	4 ト ラック 2 チャンネル ステレオ
ヘッド構成	録音×1・再生×1 コンビネーションヘッド 消去ヘッド×1
使用テープ	C-60, C-90 タイプ カセットテープ
テープ速度	4.8cm/sec
モーター	キャブスタン : DC サーボモーター × 1 リール : DC モーター × 1
ワウ・フランジャー	0.045 % (W. RMS) ± 0.08 % (W. Peak) *
周波数特性(総合)	15~21,000Hz ± 3dB * : メタル 15~20,000Hz ± 3dB * : クローム 15~18,000Hz ± 3dB * : ノーマル
SN比(総合)	58dB (NR OFF, 規定録音レベル) * 70dB (ドルビーB NR ON, CCIR/ARM) 80dB (ドルビーC NR ON, CCIR/ARM)
早巻時間	約90秒(C-60テープ)
入力	ライン : 97mV (入力インピーダンス 50k Ω)
出力	ライン : 0.58V (負荷インピーダンス 50k Ω以上) ヘッドホン : 1mW/8 Ω
電源	100V AC, 50-60Hz
消費電力	15W
外形寸法	435 × 147 × 290mm (W × H × D)
質量	4.8kg
付属品	リモコンユニット RC-393 × 1 入出力コード × 2, 乾電池(単3) × 2

●仕様および外観は、改善のため予告なく変更することがあります。

●*印は、日本電子機械工業会(EIAJ CP-2311)規格に定められた測定法によるものです。

ドルビーノイズリダクション及びHXプロヘッドルームエクステンションはドルビーラボラトリーズライセンシングコーポレーションからの実施権に基づき製造されています。HXプロは Bang & Olufsen の考案です。

ドルビー, DOLBY, ダブルD記号  及び HX プロはドルビーラボラトリーズライセンシングコーポレーションの登録商標です。

2 ADJUSTMENT AND CHECKS

調整と確認

2-1 MECHANICAL ADJUSTMENT

2-1-1 Tape speed

- Connect a frequency counter to the deck as shown in Fig. 2-1.
- Load a TEAC MTT-111N test tape and play the beginning of the test tape.
- Adjust the variable resistor to get the adjustment value of 3,000Hz to 3,010Hz.
- In play mode, check that the following figures are obtained at the beginning and at the end of the tape.
Speed deviation : 3,000Hz ± 60Hz
Speed drifting : within 35Hz

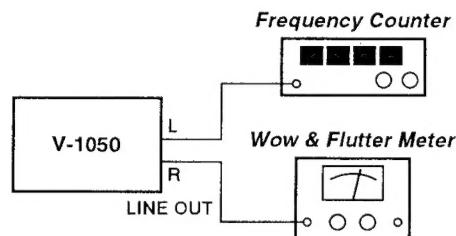


Fig. 2-1

2-1-2 Wow and flutter (playback method)

- Connect a wow-and-flutter meter to the deck as shown in Fig. 2-1.
- Load and play a TEAC MTT-111N test tape.
- Check that the readings on the wow-and-flutter meter are as follows.
(Except the beginning and the end of the tape)
Specification : 0.12 % WRMS

2-1-3 Reel torque

- Load the cassette torque meter on the deck and read the pointer indication on the dial scale for each tape transport operation. The measured torque should be within the following specified values.
Take-up : 30 to 70g·cm
Supply : 2 to 6g·cm
FF / REW : 90 to 180g·cm

Voltage Conversion

(General export models only)

Be sure to remove the power cord from the AC outlet before repositioning the voltage converter switch.

- Locate the voltage selector on the rear panel.
- Using a flat-bladed screwdriver, set to the appropriate 230 V or 120 V position according to your area.

2-1 機構部の調整

2-1-1 テープスピード

- Fig. 2-1 のように周波数カウンターを接続する。
- テストテープ MTT-111N (3kHz) の巻始めを再生する。
- 周波数値が 3,000~3,010Hz となるように Fig. 2-2 に示す VR を調整する。
- 巻始めから巻終りまで再生し、速度偏差および変動幅を確認する。
速度偏差 : 3,000Hz ± 60Hz
変動幅 : 35Hz 以内

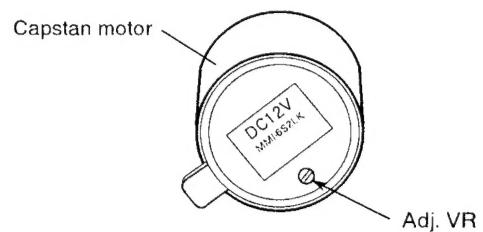


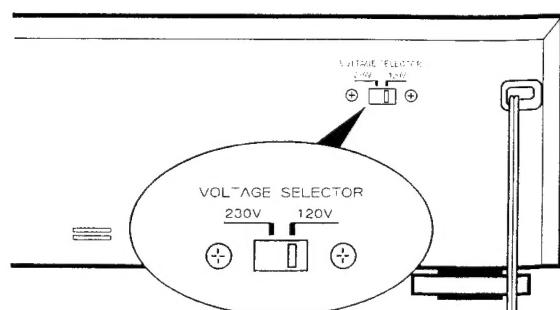
Fig. 2-2

2-1-2 ワウ・フラッタ (再生法)

- Fig. 2-1 のようにワウ・フラッタメーターを接続する。
- テストテープ MTT-111N を再生する。
- ワウ・フラッタ値が下の規格内に入ることを確認する。
(テープの巻始め、巻終りを除く)
規格 : 0.12 % WRMS

2-1-3 リールトルク

- カセット型トルクメーターによる測定値が下記の範囲内であることを確認する。
ティクアップトルク : 30~70g·cm
バックテンショントルク : 2~6g·cm
早送り/巻戻しトルク : 90~180g·cm



2-2 ELECTRICAL ADJUSTMENT

2-2-1 Precautions

- Before performing adjustments and checks clean and demagnetize the entire tape path.
- In general, adjustments and checks are made in the order of Lch then Rch. Double REF. Nos. indicate Lch / Rch. (Example ; R11/R21)
- 0dB is referenced to 0.775V.
- The AC voltmeter used in the procedures must have an input impedance of $1M\Omega$ or more.

2-2-2 Adjustment locations 調整個所

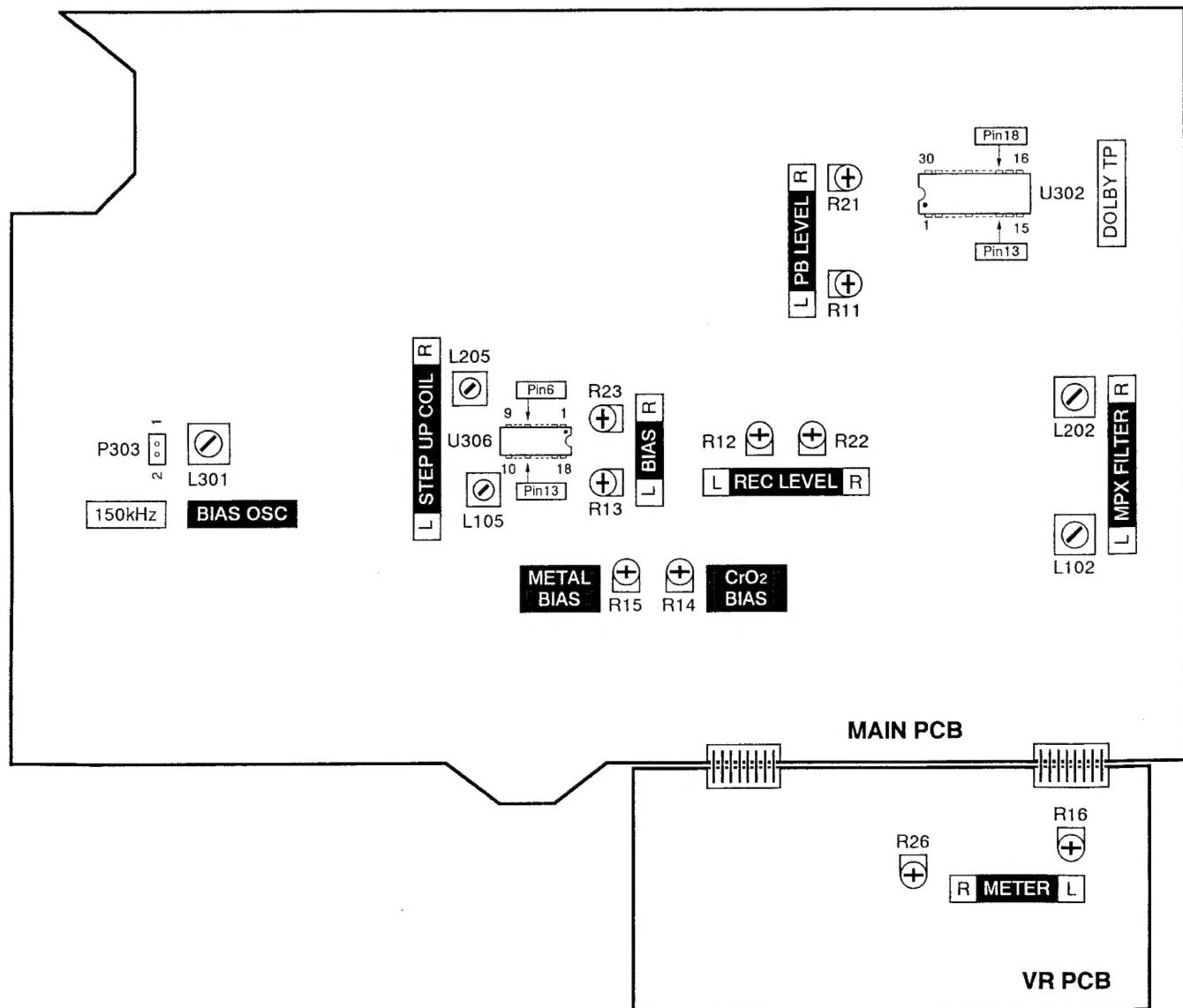


Fig. 2-3

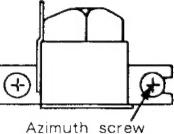
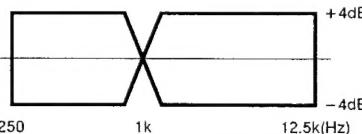
2-2-3 Playback performance 再生系

Deck settings:

Mode : PLAY
 AUTO MONITOR Switch : TAPE
 DOLBY NR Switch : OFF
 MPX FILTER Switch : OFF

TEAC test tapes:

MTT-150C : For Dolby level calibration
 MTT-25702 : For playback frequency response check NORMAL tape
 MTT-5513 : For S/N check NORMAL tape
 MTT-5572 : For S/N check METAL tape

ITEM 項目	SETTING 設 定	INPUT SIGNAL 入力信号	ADJUSTMENTS 調整個所	MEASURING POINTS, RESULT 測定個所・調整値	REMARKS 備 考
1. Head azimuth adjustment アジャス調整	Connection : Fig. 2-5	MTT-25702 (12.5kHz)	Azimuth screw アジャス調整ねじ	LINE OUT : Maximum output level at L & R-ch Phase : within 45° Lch, Rchとも出力最大 位相 : 45° 以内 (Fig. 2-6)	
2. DOLBY level ドルビーレベル	Connection : Fig. 2-7	MTT-150C	R11/R21	DOLBY TP U302 Pin13/Pin18 : - 6dB (388mV)	
3. Playback output level 再生出力レベル	Connection : Fig. 2-4	MTT-150C	Check	LINE OUT : - 3.5 ± 1dB (462mV~581mV)	Ref. output level 基準出力レベル
4. Meter level メーターレベル		MTT-150C	R16/R26	PEAK LEVEL METER: □ mark	
5. PHONES output level PHONES 出力レベル	Connection : Fig. 2-8 PHONES LEVEL:MAX	MTT-150C	Check	LINE OUT : - 19 ± 3dB (61.6mV~123mV)	8 Ω load 8 Ω負荷
6. Playback frequency response 再生周波数特性	Connection : Fig. 2-4	MTT-25702	Check		+4dB -4dB 250 1k 12.5kHz
7. Playback S/N ratio 再生S/N比	Connection : Fig. 2-4	MTT-5513 MTT-5572 Playback the leader tape portion リーダーテープ部を 再生	Check	NORMAL : 45dB min. METAL : 46dB min.	Ratio of ref. level to noise 基準出力レベルと ノイズの比

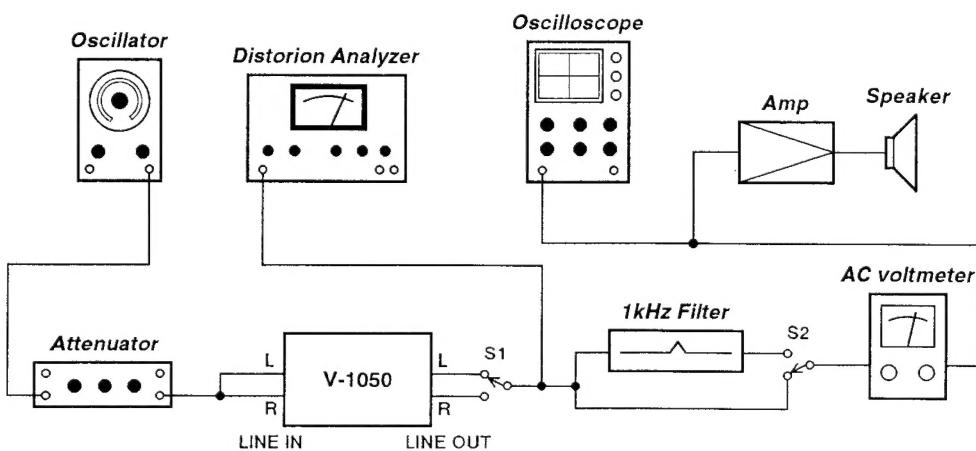


Fig. 2-4 Basic test setup

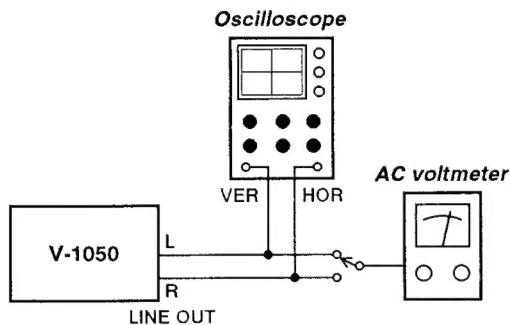


Fig. 2-5 Test setup for azimuth check

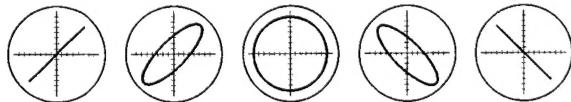


Fig. 2-6 Confirming phase relationship

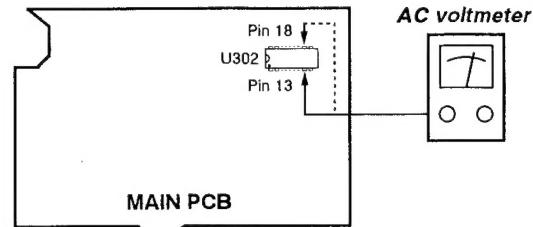


Fig. 2-7 Test setup for DOLBY level adjustment

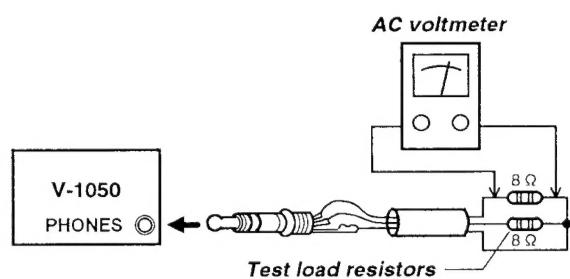


Fig. 2-8 Test setup for PHONES check

2-2-4 Monitor performance モニター系

Deck settings:

- Mode : STOP
AUTO MONITOR Switch : SOURCE
DOLBY NR Switch : OFF
MPX FILTER Switch : OFF

ITEM 項目	SETTING 設 定	INPUT SIGNAL 入力信号	ADJUSTMENTS 調整個所	MEASURING POINTS, RESULT 測定個所・調整値	REMARKS 備 考
8. Min. LINE input level ライン最小入力レベル	Connection : Fig. 2-4 REC LEVEL Control:MAX BALANCE Control:Center	LINE IN : 400Hz/-19dB (87mV)	Check	LINE OUT : - 3.5 ± 3dB (367mV~732mV)	
9. Specified LINE input level ライン規定入力レベル	Connection : Fig. 2-4	LINE IN : 400Hz/-9dB (275mV)	REC LEVEL VR BALANCE VR	LINE OUT : - 3.5dB (518mV)	After adjusting, do not move (Specific position) 調整後は動かさないこと(規定位置)
10. Monitor frequency response モニター周波数特性	Connection : Fig. 2-4	LINE IN : 250Hz~12.5kHz - 9dB (275mV)	Check	+2dB  -2dB	
11. Monitor S/N ratio モニターS/N比	Connection : Fig. 2-4	LINE IN : No signal 無信号	Check	60dB min.	Ratio of ref. level to noise 基準出力レベルとノイズの比

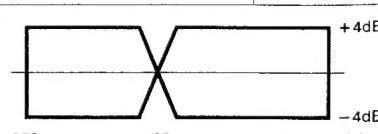
2-2-5 Recording performance 録音系

Deck settings:

Mode : RECORD
 AUTO MONITOR Switch : TAPE
 DOLBY NR Switch : OFF
 MPX FILTER Switch : OFF
 REC LEVEL Control : Specified position 規定位置 (Item9)
 BALANCE Control : Specified position 規定位置 (Item9)
 BIAS FINE Control : Center position

TEAC recording test tapes:

MTT-5513 : For NORMAL
 MTT-5563 : For CrO₂
 MTT-5572 : For METAL

ITEM 項目	SETTING 設 定	INPUT SIGNAL 入力信号	ADJUSTMENTS 調整箇所	MEASURING POINTS, RESULT 測定箇所・調整値	REMARKS 備 考
12. Bias osc frequency バイアス 発振周波数	Connection : Fig. 2-9 TAPE : MTT-5513	LINE IN : No signal 無信号	L301	P303-2 : $150 \pm 3\text{kHz}$	
13. Step up coil ステップアップ コイル	Connection : Fig. 2-10 TAPE : MTT-5572	LINE IN : No signal 無信号	L105/L205	U306 PIN6/PIN13 : Min. DC voltage DC 電圧最小	
14. Record bias 録音バイアス	Connection : Fig. 2-4 TAPE : MTT-5513 MTT-5563 MTT-5572	LINE IN : 250Hz/10kHz -34dB (15.5mV)	NORMAL: R13/R23 CrO ₂ : R14 METAL : R15	LINE OUT : Nearly equal level at both frequencies 両周波数の録再出力が 同レベル	
15. MPX filter MPX フィルター	Connection : Fig. 2-4 MPX FILTER Switch:ON	LINE IN : 19kHz/-12dB (195mV)	L102/L202	30dB min.	
16. Record level adjustment 録音レベル調整	Connection : Fig. 2-4 TAPE : MTT-5513	LINE IN : 400Hz/-12dB (195mV)	R12/R22	LINE OUT : $-6.5 \pm 1\text{dB}$ (327mV~411mV)	
17. Record level check 録音レベル確認	Connection : Fig. 2-4 TAPE : MTT-5563 MTT-5572	LINE IN : 400Hz/-12dB (195mV)	Check	LINE OUT : $-6.5 \pm 1.5\text{dB}$ (309mV~436mV)	
18. Total harmonic distortion 総合歪率	Connection : Fig. 2-4 TAPE : MTT-5513 MTT-5563 MTT-5572	LINE IN : 400Hz/-12dB (195mV)	Check	NORMAL : 2.0% or less CrO ₂ : 2.5% or less METAL : 2.5% or less	
19. Overall frequency response 録再周波数特性	Connection : Fig. 2-4 TAPE : MTT-5513 MTT-5563 MTT-5572	LINE IN : 250Hz~12.5kHz -34dB (15.5mV)	Check	+4dB  -4dB	
20. BIAS FINE range BIAS FINE 可変幅	Connection : Fig. 2-4 TAPE : MTT-5513	LINE IN : 10kHz/-34dB (15.5mV)	BIAS FINE VR	4dB min.	
21. Overall S/N ratio 総合S/N比	Connection : Fig. 2-4 TAPE : MTT-5513 MTT-5563 MTT-5572	LINE IN : No signal 無信号	Check	NORMAL : 45dB min. CrO ₂ : 46dB min. METAL : 46dB min.	Ratio of ref. level to noise 基準出力レベルとノイズの比

ITEM 項目	SETTING 設定	INPUT SIGNAL 入力信号	ADJUSTMENTS 調整個所	MEASURING RESULT 調整値	REMARKS 備 考
22. Erase efficiency 消去率	Connection : Fig. 2-4 TAPE : MTT-5572 1kHz B.P.F in	LINE IN : 1kHz/+ 1dB (870mV)	Check	65dB min.	Ratio of the 1kHz recorded portion to the erased portion. 未消去部分と消去部分の比
23. REC MUTE function REC MUTE 効果	Connection : Fig. 2-4 TAPE : MTT-5572 1kHz B.P.F in	LINE IN : 1kHz/+ 1dB (870mV)	Check	65dB min.	Ratio of the 1kHz recorded portion to the "REC MUTE" portion. 録音部分と "REC MUTE" 部分の比
24. Channel separation チャンネルセパレーション	Connection : Fig. 2-4 TAPE : MTT-5563 1kHz B.P.F in	LINE IN : Lch 1kHz/- 9dB (275mV) Rch No signal 無信号	Check	30dB min.	Ratio of Lch (1kHz) to Rch (no signal). Lch(1kHz)とRch(無信号)の比
25. Adjacent track crosstalk トラック間クロストーク	Connection : Fig. 2-4 TAPE : MTT-5572	LINE IN : Lch No signal 無信号 Rch 125Hz/- 9dB (275mV)	Check	40dB min.	Invert tape and play Rch track. Check leakage level against the output reference of previously recorded portion. テープを反転して再生した時のRch出力レベルの比

Frequency Counter

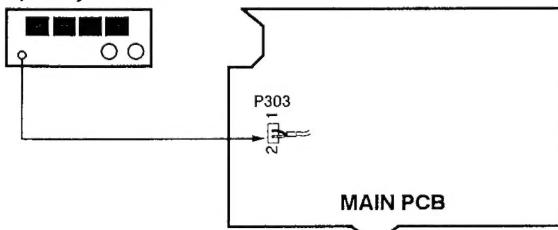


Fig. 2-9 Test setup for bias OSC adjustment

DC voltmeter

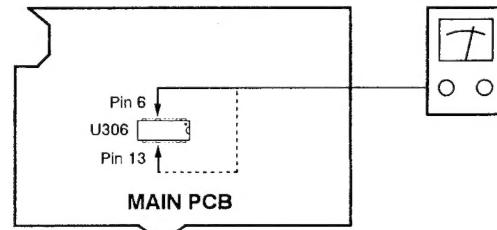


Fig. 2-10 Test setup for step up coil adjustment

PARTS LIST SECTION

NOTES

- Parts marked with * require longer delivery time.
- The parts with no reference number or no parts number in the exploded views are not supplied.
- As regards the resistors and capacitors, refer to the circuit diagrams contained in this manual.
- △ Parts marked with this sign are safety critical components. They must be replaced with identical components - refer to the appropriate parts list and ensure exact replacement.
- Parts of [] mark can be used only with the version designated.
 [J]:JAPAN [US]:U. S. A. [C]:CANADA [GE]:GENERAL EXPORT
 [E]:EUROPE [UK]:U. K. [A]:AUSTRALIA
 V-1050(N):Gold Version V-1050(B):Black Version

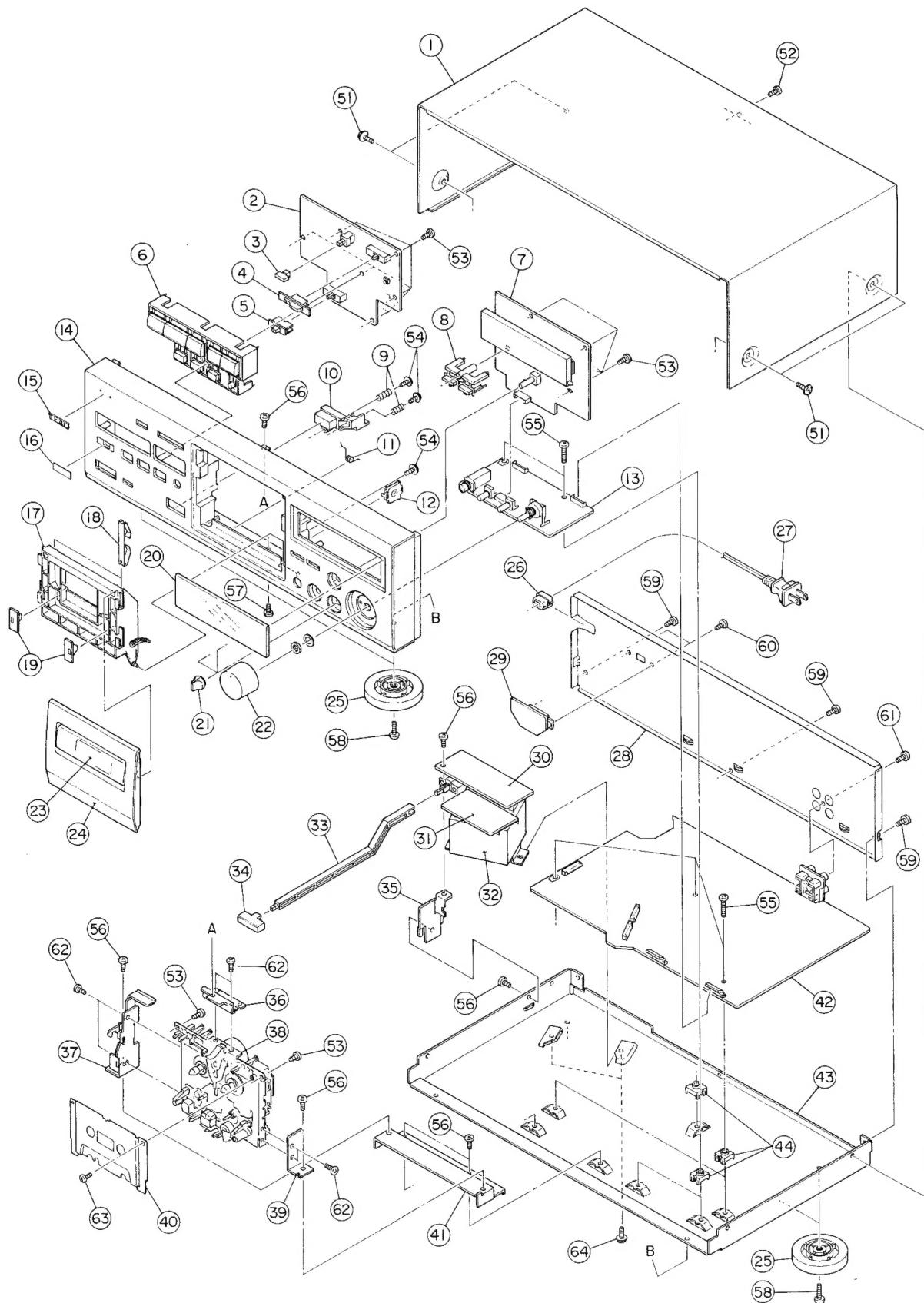
注 意

- *印の部品は納期が若干かかります。
あらかじめご了承ください。
- 分解図に部番のない部品及び品番のない部品は供給しません。
- 標準の抵抗、コンデンサーは省略しております。
回路図を参照してください。
- △印は安全重要部品です。
交換する時は必ずティック指定の部品を使用してください。
- 仕向先
 [J]:JAPAN [US]:U. S. A. [C]:CANADA [GE]:GENERAL EXPORT
 [E]:EUROPE [UK]:U. K. [A]:AUSTRALIA
 V-1050(N):Gold Version V-1050(B):Black Version

3 EXPLODED VIEWS AND PARTS LIST

分解図とパーティリスト

EXPLODED VIEW-1



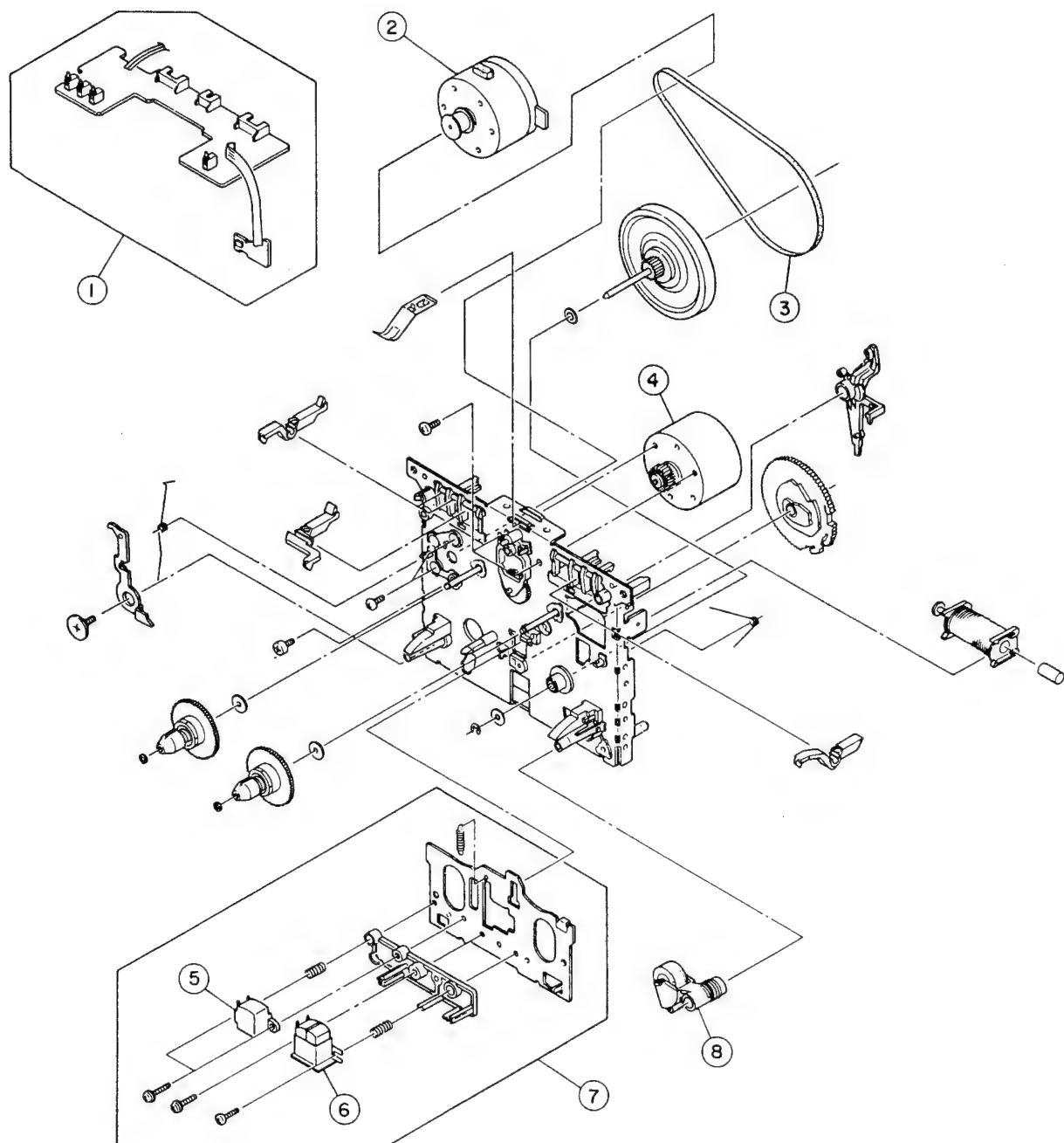
EXPLODED VIEW-1

REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
1- 1	*3M0016110A	BONNET (N)	V-1050 (N)
	*3M0016100A	BONNET	V-1050 (B)
1- 2	*3E9507400A	PCB ASSY, KEY	
1- 3	3M0040010B	KNOB, MPX (N)	V-1050 (N)
	3M0040000B	KNOB, MPX (B)	V-1050 (B)
1- 4	3M0040110A	KNOB, DOLBY (N)	V-1050 (N)
	3M0040100A	KNOB, DOLBY (B)	V-1050 (B)
1- 5	3M0040210A	KNOB, TIMER (N)	V-1050 (N)
	3M0040200A	KNOB, TIMER (B)	V-1050 (B)
1- 6	3M0039610A	BUTTON, MAIN (N)	V-1050 (N)
	3M0039600A	BUTTON, MAIN (B)	V-1050 (B)
1- 7	*3E9507310A	PCB ASSY, FRONT	V-1050 (N)
	*3E9507300A	PCB ASSY, FRONT	V-1050 (B)
1- 8	3M0039810A	BUTTON, COUNTER (N)	V-1050 (N)
	3M0039800A	BUTTON, COUNTER (B)	V-1050 (B)
1- 9	*3M0017700A	SPRING, EJECT	
1-10	3M0039710A	BUTTON, EJECT (N)	V-1050 (N)
	3M0039700A	BUTTON, EJECT (B)	V-1050 (B)
1-11	*3M0041900A	CASE SPRING	
1-12	*9260077301	DAMPER	
1-13	*3E9507500A	PCB ASSY, VR	
1-14	*3M0039510B	PANEL, FRONT (N)	V-1050 (N)
	*3M0039500B	PANEL, FRONT (B)	V-1050 (B)
1-15	*5801533700	EMBLEM, TEAC (GRY T.)	V-1050 (N)
	*5801413200	EMBLEM, TEAC	V-1050 (B)
1-16	*3M0041800A	FILTER	
1-17	3M0040310A	CASSETTE LEAD (N)	V-1050 (N)
	3M0040300A	CASSETTE LEAD (B)	V-1050 (B)
1-18	3M0042000A	SPRING, CASSETTE PRESSURE	
1-19	3M0042100A	STABILIZER	
1-20	*3M0042200A	METER COVER (W/R)	
1-21	3M0029710A	KNOB, PAN CAP (N)	V-1050 (N)
	3M0029700A	KNOB, PAN CAP	V-1050 (B)
1-22	3M0029610A	KNOB, VR (N)	V-1050 (N)
	3M0029600A	KNOB, VR	V-1050 (B)
1-23	3M0040410A	LID WINDOW (N)	V-1050 (N)
	3M0040400A	LID WINDOW (B)	V-1050 (B)
1-24	3M0040510A	LEAD DOOR (N)	V-1050 (N)
	3M0040500A	LEAD DOOR (B)	V-1050 (B)
1-25	*3M0009400A	FOOT ASSY (SILVER)	
1-26	△*3M000880	BUSHING, #2271 [EXCEPT UK]	
1-27	△ 3E000320	POWER CORD [US, C]	
	△ 3E000330	POWER CORD [GE]	
	△ 3E000340	POWER CORD [E]	
	△ 3E000350	POWER CORD [UK]	
	△ 3E000360	POWER CORD [A]	
	△ 3E002120	POWER CORD [J]	
1-28	*3M0039900A	PANEL, REAR (B) [J, E, UK, A]	
	*3M0039910A	PANEL, REAR (B) [US, C, GE]	
1-29	*3E9507100A	PCB ASSY, SEL SW [US, C, GE]	
1-30	*3E9506900A	PCB ASSY, TRANS-A [J]	
	*3E9506910A	PCB ASSY, TRANS-A [US, C, GE]	
	*3E9506920A	PCB ASSY, TRANS-A [E, UK]	
	*3E9506930A	PCB ASSY, TRANS-A [A]	
1-31	*3E9507000A	PCB ASSY, TRANS-B	

EXPLODED VIEW-1

REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
1-32	△ 3E0050200A	POWER TRANS	
1-33	*3M0041700A	POWER LINKAGE	
1-34	3M0030510A	BUTTON, POWER(N)	V-1050 (N)
	3M0030500A	BUTTON, POWER	V-1050 (B)
1-35	*3M0021200A	BRACKET, LINKAGE	
1-36	*3M0040700A	MECH HOLD	
1-37	*3M0042400A	MECH BRACKET(L) ASSY	
1-38	3M0040600A	MECH ASSY, CMAY5Z365A	
1-39	*3M0040900A	MECH BRACKET(R)	
1-40	*3M0041100A	DUST COVER	
1-41	*3M0041000A	MECH BASE	
1-42	*3E9506800B	PCB ASSY, MAIN	
1-43	*3M0042300A	MAIN CHASSIS [EXCEPT UK]	
	*3M0042310A	MAIN CHASSIS [UK]	
1-44	*3M0015800A	SUPPORT, PCB	
1-51	*3B0001806A	SCREW, J, S M3X6(BLK)	
1-52	*3B0003808A	SCREW, VPC M3X8(BLK)	
1-53	*3B0000808A	SCREW, BPP M3X8	
1-54	*3B0002308A	SCREW, J P M3X8(BLK)	
1-55	*3B0000114A	SCREW, BPS M3X14	
1-56	*3B0000106A	SCREW, BPS M3X6	
1-57	*3B0000108A	SCREW, BPS M3X8	
1-58	*3B0000110A	SCREW, BPS M3X10	
1-59	*3B0004406A	SCREW, BPS M3X6(BLK)	
1-60	*3B0004408A	SCREW, BPS M3X8(BLK) [US, C, GE]	
1-61	*3B0004808A	SCREW, BPP M3X8(BLK)	
1-62	*3B0000004A	SCREW, BPS M2.6X4	
1-63	*3B0003210A	SCREW, PPS M2.6X10	
1-64	*3B0004208A	SCREW, BPAW M4X8	

EXPLODED VIEW-2



EXPLODED VIEW-2 (CMAY5Z365A)

REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
2- 1	9278365400	PCB CONTROL BLK	
2- 2	9278365000	MTR MAIN BLK	
2- 3	9278365500	BELT MAIN	
2- 4	9278365100	MTR REEL BLK	
2- 5	9278365300	ERASE HEAD	
2- 6	9278364800	REC/PLAY HEAD	
2- 7	9278365200	PLATE HD BLK	
2- 8	9278365600	PINCH ROLLER	

4 ELECTRICAL PARTS LIST

電気パーツリスト

MAIN PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*3E9506800B	PCB ASSY, MAIN
	*3E9006800B	PCB, MAIN
	3M0016000A	HEAT SINK
	*3B0005308A	SCREW, BPB M3X8
	3E0043100A	TERMINAL, EARTH PLATE A
C401, 402	△ 3C001140	CE, 16V 2200UF M
C410	△ 3C001200	CE, 16V 3300UF M
C411	△ 3C001140	CE, 16V 2200UF M
C414	△ 3C000860	CE, 35V 330UF M
D301-306	3S000241	DIODE, 1SS133
D401-410	△ 3S000031	DIODE, 1N4003-TR
D411	3S000241	DIODE, 1SS133
D412	3S000941	ZDI, RD27EB2
D413	3S000671	ZDI, MTZJ4.3B
D414	3S000951	ZDI, RD6.8EB2
D415	△ 3S000031	DIODE, 1N4003-TR
D416	3S000961	ZDI, RD6.2EB2
J301	3E000010	JACK, RCA 4P
J402, 403	3E000750	CONNECT PLUG 11P, B11B-PH-K
J404	3E000760	CONNECT PLUG 12P, B12B-PH-K
L101, 201	3E004431	COIL, 22MH
L102, 202	3E000040	FILTER, LOW PASS MPX
L103, 203	3E004431	COIL, 22MH
L104, 204	3E004411	COIL, 220UH
L105, 205	3E004800	STEP COIL
L301	3E004900	OSC COIL, 150KHZ
P301	3E004640	CONNECT PLUG 4P, B4B-XHA
P302	3E004650	CONNECT PLUG 4P, B4B-XH-AB
P303	3E004660	CONNECT PLUG 2P, B2B-XHA
P406, 407	3E004690	CONNECT PLUG 8P, 8P-FJ
Q101, 201	3S000000	TR, ZSC1815GR
Q301	3S000020	TR, ZSA1015GR
Q302, 303	3S000000	TR, ZSC1815GR
Q401	△ 3S001420	TR, ZSD2576F
Q402	△ 3S000920	TR, ZSB1274R
Q403	△ 3S000320	TR, ZSA1237TV2Q
Q404, 405	3S000000	TR, ZSC1815GR
Q406	3S000930	TR, ZSC2120Y
R1	3R004310	RES ARRAY, 22K X 8
R11, 21	3R003770	VAR RES, 4.7K
R12, 22	3R003950	VR, SEMI-FIXED 22K
R13, 23	3R003840	VR, SEMI-FIXED 2.2K
R14	3R003960	VR, SEMI-FIXED 47K
R15	3R003780	VR, SEMI-FIXED 10K
R417	△ 3R004300	RD, 1W 47 OHM J
U1	3E002200	RESONATOR, CERAMIC 4.19MC5
U101, 201	3S000291	TR, DTC124ES
U301	3S000280	IC, UPC4570C
U302	3S000420	IC, CXA1331S
U303	3S000430	IC, BU4066BC

MAIN PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
U304	3S000420	IC, CXA1331S
U305	3S000350	IC, CXA1198AP
U306	3S000270	IC, UPC1297CA
U307-309	3S000291	TR, DTC124ES
U310, 311	3S000301	TR, DTA124ES
U312-314	3S000291	TR, DTC124ES
U401	3S000860	IC, M5230L
U402	3S000500	IC, L78LR05D-MA
U403	3S000870	IC, BA6219B
U404	5220832200	IC, UPD75004CU-178
U405	3S000291	TR, DTC124ES
U406, 407	3S000301	TR, DTA124ES
U408, 409	3S000291	TR, DTC124ES
U410-415	3S000301	TR, DTA124ES

FRONT PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*3E9507310A	PCB ASSY, FRONT V-1050(N)
	*3E9507300A	PCB ASSY, FRONT V-1050(B)
	*3E9007300A	PCB, FRONT
	*3M0041510A	FL HOLDER V-1050(N)
	*3M0041500A	FL HOLDER V-1050(B)
D430, 431	3S000241	DIODE, 1SS133
FL1	5347023600	FL DISPLAY, F1P85AW21Y
P405	3E004670	CONNECT PLUG, TXC-P05P-A1
P411	3E000680	CONNECT PLUG 4P, B4B-PH-K
R2, 3	3R004320	RES ARRAY, 100K X 7
R4, 5	3R004330	RES ARRAY, 100K X 8
R41	3R004340	VAR RES, 5KB
S11, 12	3E002070	SW, TACT
U426	3S000890	IC, BA6800AS
U427	3S000900	IC, LB1240
U428-437	3S000301	TR, DTA124ES

KEY PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*3E9507400A	PCB ASSY, KEY
	*3E9007400A	PCB, KEY
D418-427	3S000241	DIODE, 1SS133
D432, 433	3S000241	DIODE, 1SS133
S1-9	3E002070	SW, TACT
S10, 14	3E005000	SW, 2-3
S13	3E005010	SW, PUSH
U2	3S000760	REMOCON SENSOR, SBX1976-52

VR PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
J302 J405	*3E9507500A	PCB ASSY, VR
	*3E9007500A	PCB, VR
	3E0043100A	TERMINAL, EARTH PLATE A
	3E002140	JACK
	3E004680	SOCKET, TXC-P05X-A1
J406, 407 P412 R16, 26 R31 R32	3E004700	SOCKET 8P, 8R-FJ
	3E000680	CONNECT PLUG 4P, B4B-PH-K
	3R003770	VAR RES, 4. 7K
	3R004350	VAR RES, 50KA
	3R003860	VAR RES, 100K
R33 U315, 316	3R004360	VAR RES
	3S000050	IC, NJM4558L

INCLUDED ACCESSORIES

REF. NO.	PARTS NO.	DESCRIPTION
	*3D0007300A	OWNER'S MNL, PL [J]
	*3D0010600A	OWNER'S MNL, JAPANESE [J]
	*3D0010700A	OWNER'S MNL, ENGLISH[EXCEPT J]
	*3D0010800A	OWNER'S MNL, F/G/I/S/D [GE, E] (French, German, Italian, Spanish, Dutch)
	*3E000380	PIN CORD
	*5744080200	REMOCON UNIT, RC-393 [J]
	*3E003660	BATTERY, UM-3(2P X ED) [J]

TRANS-A PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
C426 S401	*3E9506900A	PCB ASSY, TRANS-A [J]
	*3E9506910A	PCB ASSY, TRANS-A [US, C, GE]
	*3E9506920A	PCB ASSY, TRANS-A [E, UK]
	*3E9506930A	PCB ASSY, TRANS-A [A]
	*3E9006900A	PCB, TRANS-A
C426 S401	3E002170	PIN, TERMINAL LAPPING 2P [E, UK, A]
	△ 3E005030	SPARK KILLER, 0. 0047/250V
	△ 3E003770	SW, POWER

TRANS-B PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*3E9507000A	PCB ASSY, TRANS-B
P401	*3E9007000A	PCB, TRANS-B
	3E001500	CONNECT PLUG 10P, S10B-EH-A

SEL SW PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*3E9507100A	PCB ASSY, SEL SW [US, C, GE]
S402	*3E9007100A	PCB, SELECTOR SW
	△ 3E002110	SW, SLIDE

V-1050

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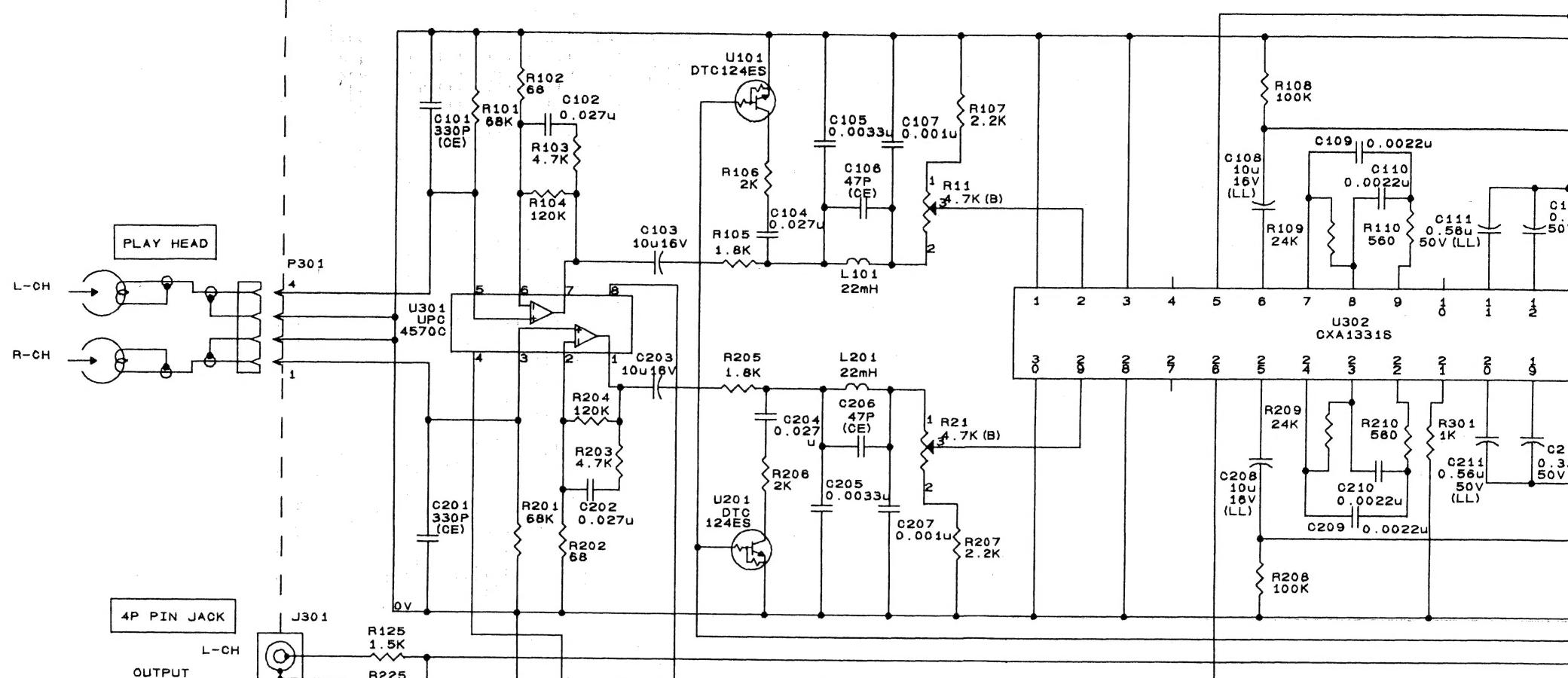
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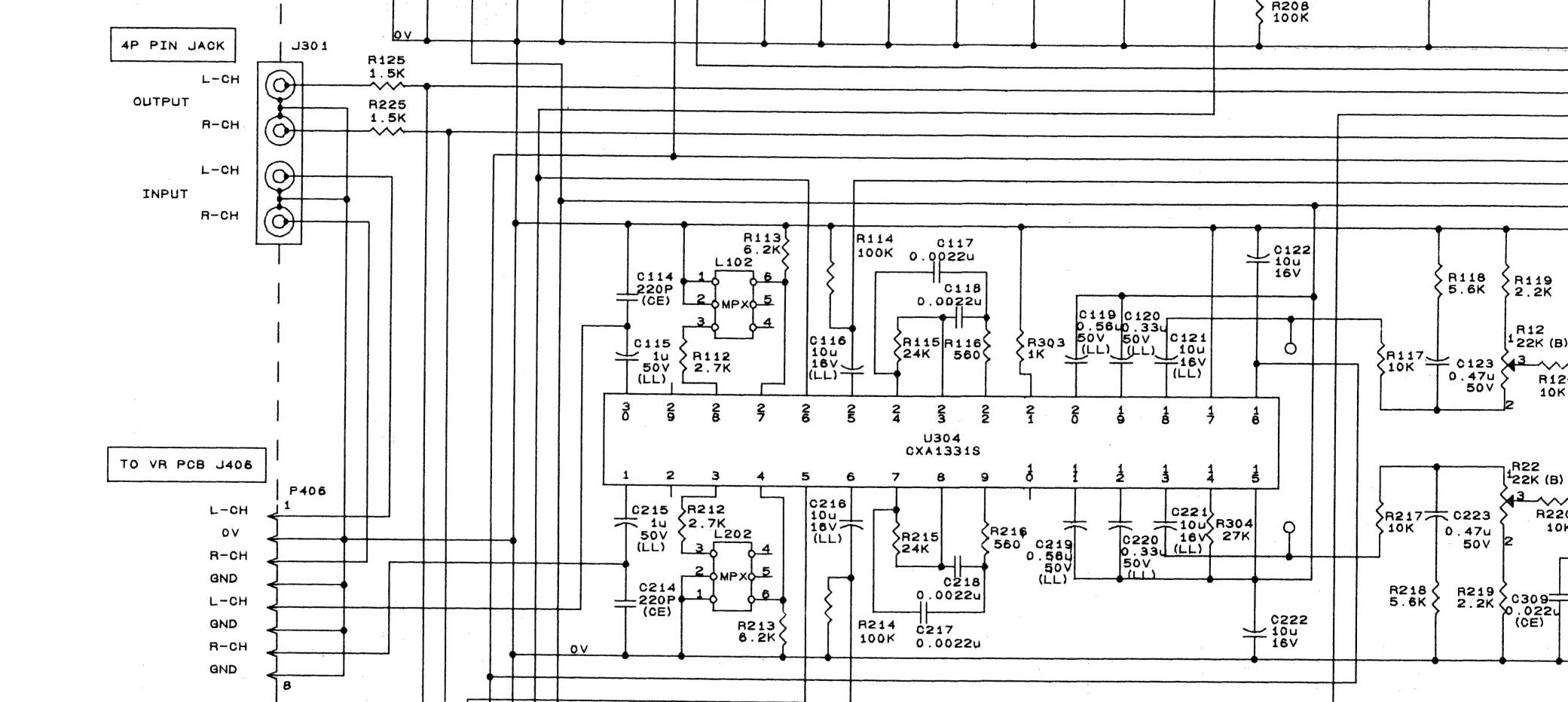
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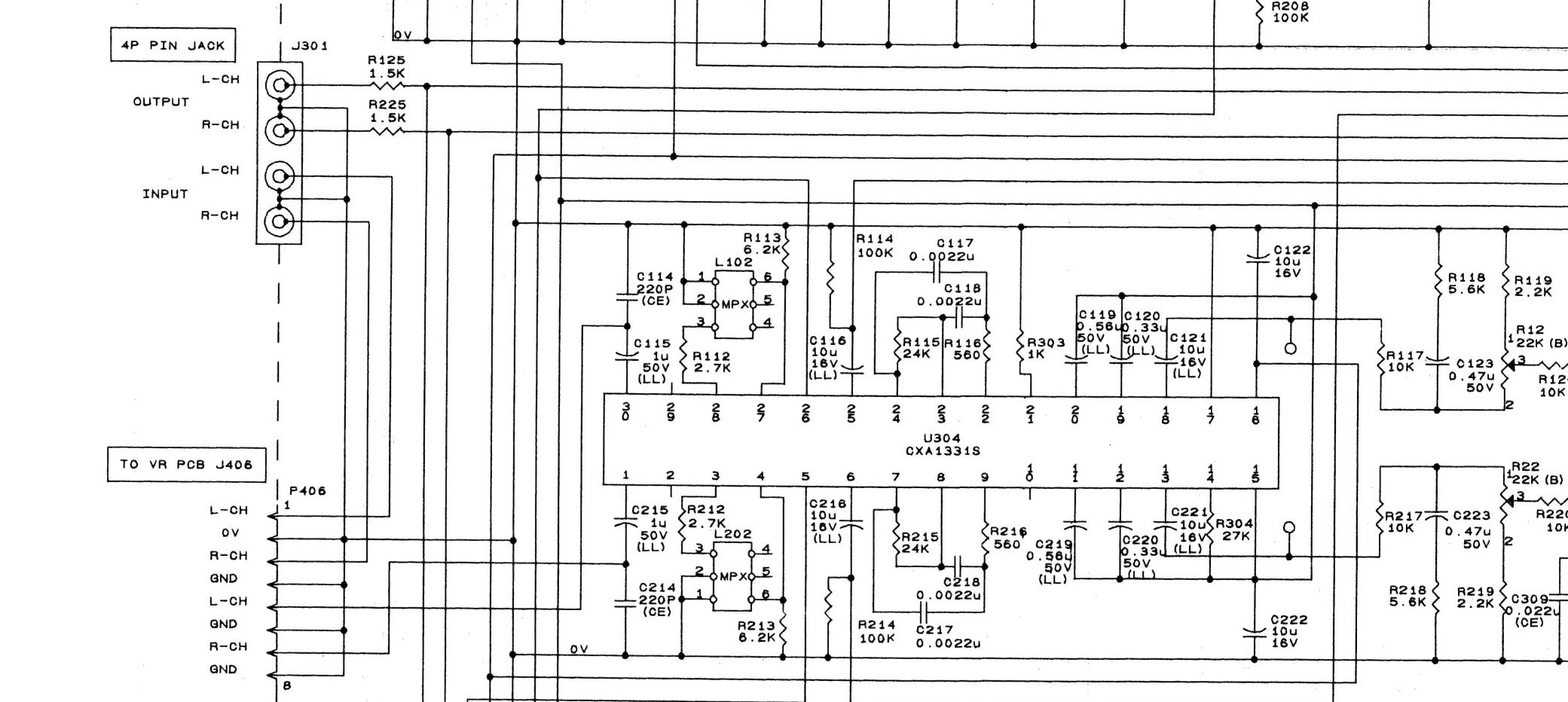
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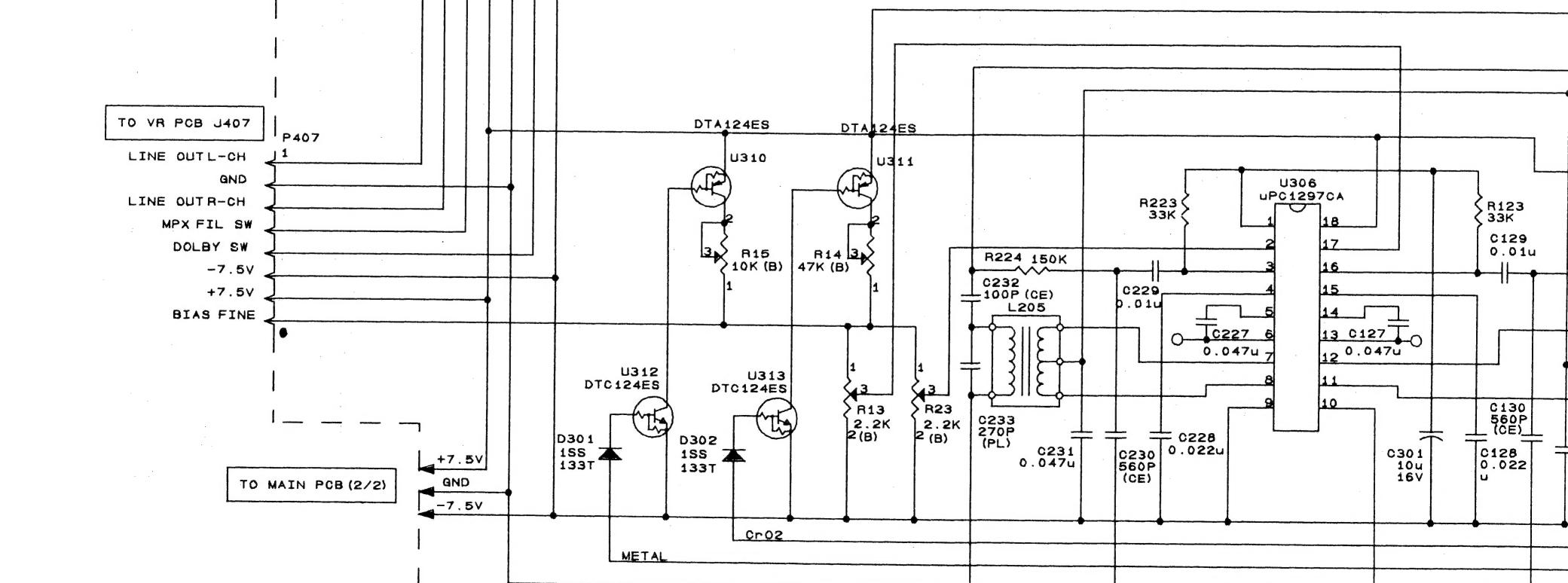
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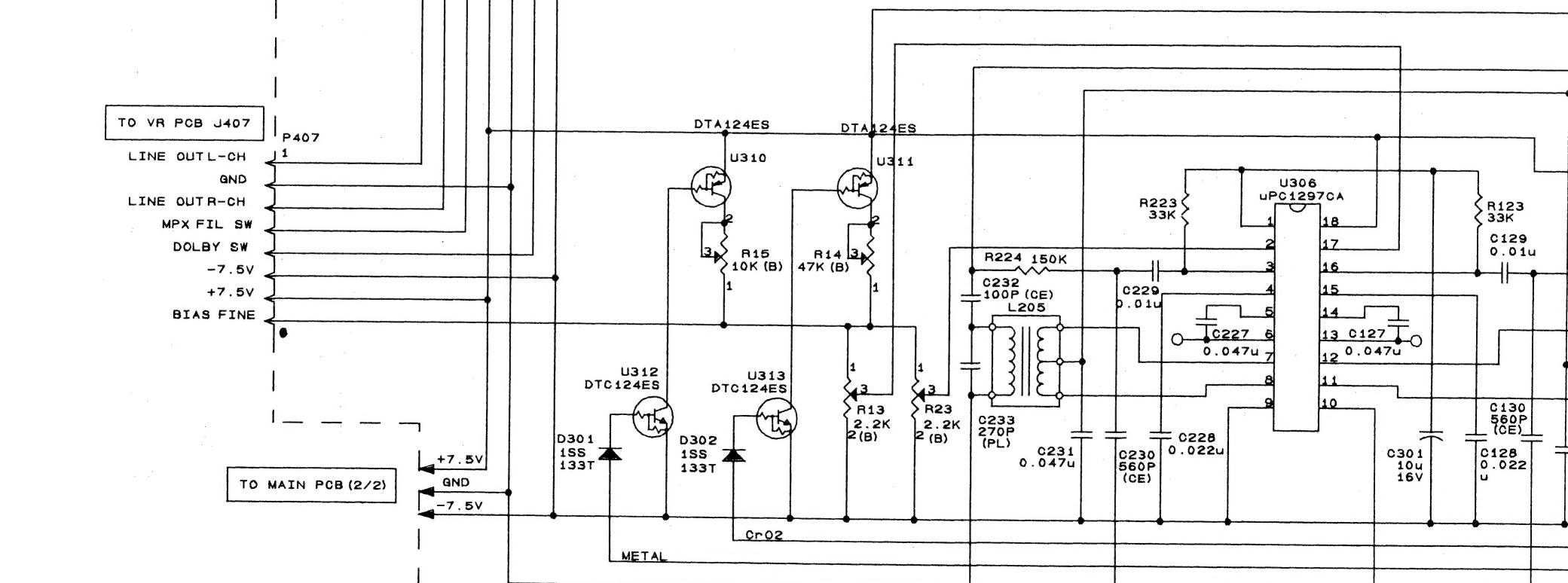
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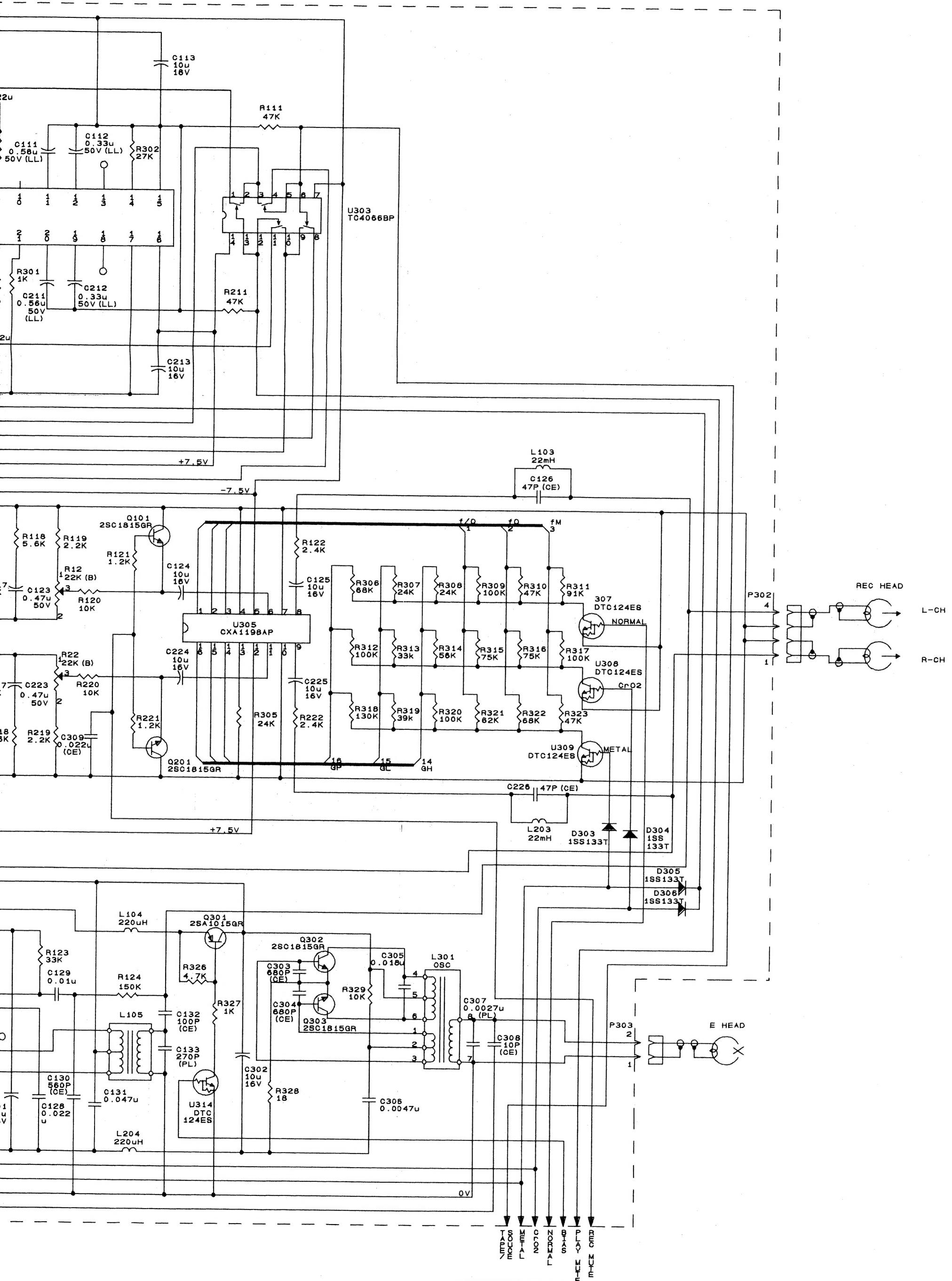
INSTRUCTIONS FOR SERVICE PERSONNEL
BEFORE RETURNING APPLIANCE TO THE CUSTOMER, MAKE LEAKAGE-CURRENT OR RESISTANCE MEASUREMENTS TO DETERMINE THAT EXPOSED PARTS ARE ACCEPTABLY INSULATED FROM THE SUPPLY CIRCUIT.

NOTES:

1. Resistor values are in ohms (k=kΩ, M=MΩ).
2. Capacitor values are in microfarads (p=pF).
3. △ Parts marked with this sign are safety critical components. They must always be replaced with identical components—refer to the appropriate parts list and ensure exact replacement.

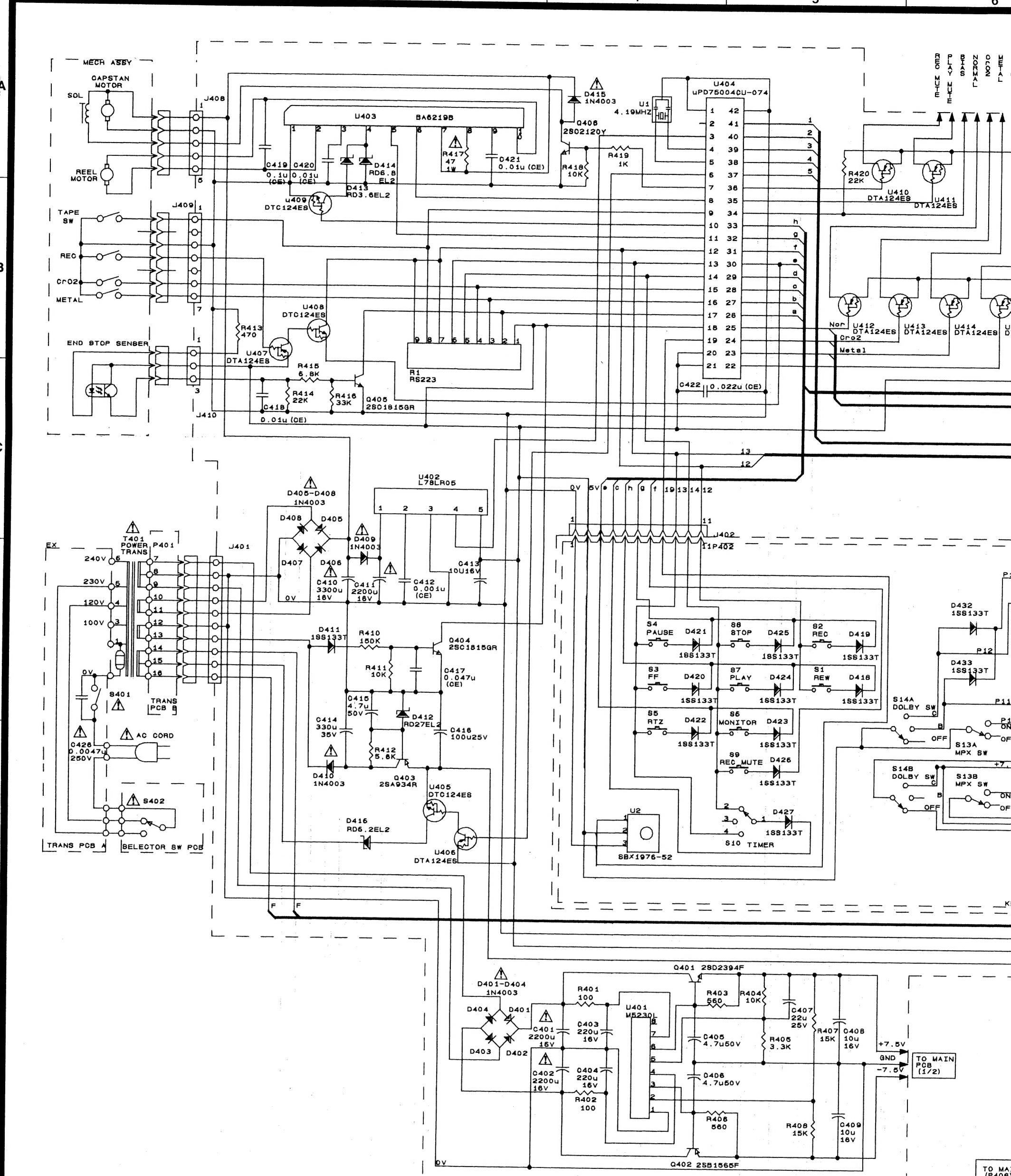
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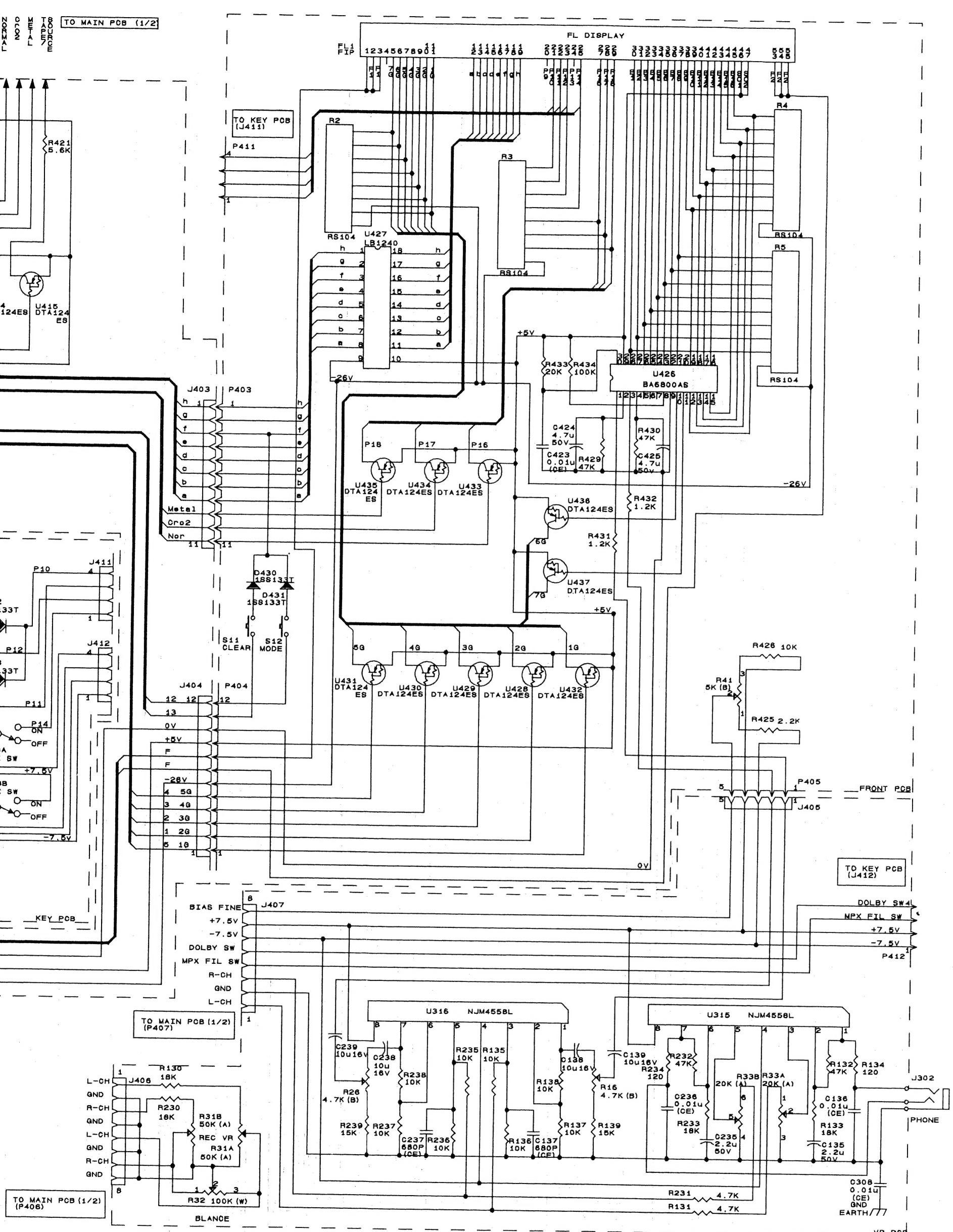
1. 抵抗の単位はΩ (k = kΩ, M = MΩ) です。
2. コンデンサの単位はμF (p = pF) です。
3. △マークのある部品は安全規格重要部品です。交換するときは必ずティアック指定の部品を使用してください。



TEAC SCHEMATIC DIAGRAM V-1050 CONTROL SECTION

1 2 3 4 5 6





V-1050

Stereo Cassette Deck

1st Issue: November 1997